

NOTE:

1. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.

AIR SEPARATOR SCHEDULE								
TAG	LOCATION	SERVED	GPM	SIZE (IN)	DIA. (IN)	LNG. (IN)	TYPICAL UNIT MFG AND MODEL No.	NOTES:
AS-1	MECH ROOM	COMP. RM CHILLED WATER	34	2"	-	-	TACO VRTX200	
AS-2	MECH ROOM	BUILDING CHILLED WATER	184	4"	10-3/4	25-1/4	TACO 4904AD	
AS-3	MECH ROOM	BUILDING HEATING WATER	128	4"	10-3/4	25-1/4	TACO 4904AD	
AS-4	MECH ROOM	SNOW MELT	16	1-1/2"	-	-	TACO VRTX150	
AS-5	MECH ROOM	RADIANT FLOOR	39	1-1/2"	-	-	TACO VRTX200	
NOTES:								

REGISTER, DIFFUSER & GRILLE SCHEDULE							
TAG	MAX. CFM	NECK SIZE	TYPE	ΔP	MAX NC	TYPICAL UNIT MFG & MODEL NO.	NOTES
S-1	125	6x6	DIRECTIONAL	0.11	25	PRICE SMCD	①
S-2	225	8x8	DIRECTIONAL	0.11	25	PRICE SMCD	①
S-3	350	10x10	DIRECTIONAL	0.11	25	PRICE SMCD	①
S-4	150	6"φ	PLAQUE	0.04	<20	PRICE SPD 24x24	①
S-5	715	12"φ	4-WAY	0.08	30	PRICE SCDA 24x24	
S-6	625	18x8	ROUND DUCT LOUVERED	0.1	25	PRICE RDR	④
S-7	925	15"φ	PLAQUE	0.03	25	PRICE SPD 24x24	
S-8	120	10"φ	SLOT	0.06	<20	PRICE SDA 75 48" LONG, 2 SLOT	③
S-9	180	12x4	LOUVERED	0.1	20	PRICE 520	
S-10	110	10x4	LOUVERED	0.1	<20	PRICE RDR	④
R-1	145	8x6	LOUVERED	0.1	20	PRICE 535	②
R-2	210	8x8	LOUVERED	0.1	20	PRICE 535	②
R-3	315	10x10	LOUVERED	0.1	25	PRICE 535	②
R-4	520	18x10	LOUVERED	0.1	25	PRICE 535	②
R-5	400	10"φ	SLOT	0.1	<20	PRICE SDR 75 48" LONG 2 SLOT	③
R-6	1250	24x20	LOUVERED	0.1	25	PRICE 535	
R-7	1850	20x14	SLOT	0.07	30	PRICE SPD 100 96" LONG, 6 SLOT	③
R-8	690	12x18	LOUVERED	0.1	30	PRICE 535	⑤
E-1	130	8x6	LOUVERED	0.1	25	PRICE 535	②
E-2	345	12x10	LOUVERED	0.1	25	PRICE 535	②
E-3	720	16x16	EGG CRATE	0.03	<20	PRICE 80	
TG-1	320	14x12	LOUVERED	0.03	<20	PRICE 535	②
NOTES: ① PROVIDE TYPE 3P MOUNTING PANEL FOR LAY-IN CEILING. ③ PROVIDE INTEGRAL LINED PLENUM ② PROVIDE TYPE TBP MOUNTING PANEL FOR LAY-IN CEILING. ④ PROVIDE INTEGRAL OPPOSED BLADE DAMPER ⑤ PROVIDE TYPE 6 FRAME FOR DRYWALL MOUNTING.							

GRAVITY VENTILATOR SCHEDULE							
TAG	LOCATION	SERVICE	THROAT AREA (SQ. FT.)	HOOD AREA (SQ. FT.)	SP (IN. W.G.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:
GIV-1	ROOF	EF-6 MAKE UP AIR	1.5	5.5	0.02	LOREN COOK GI-18X12	①
GIV-2	ROOF	EF-3 MAKE UP AIR	1.5	5.5	0.02	LOREN COOK GI-18X12	①
NOTES: ① PROVIDE 14" ROOF CURB							

EXPANSION TANK SCHEDULE								
TAG	LOCATION	SERVED	ACCEPT GAL.	DIA. (IN.)	HEIGHT (IN.)	WEIGHT FULL (LBS.)	TYPICAL UNIT MFG & MODEL NO.	NOTES
ET-1	MECH ROOM	BUILDING CHILLED WATER	37	20	46	503	TACO CA-140	
ET-2	MECH ROOM	BUILDING HEATING WATER	140	24	87	1586	TACO CA-500	
ET-3	MECH ROOM	COMPUTER CHILLED WATER	37	20	46	503	TACO CA-140	
ET-4	MECH ROOM	SNOW MELT	37	20	46	503	TACO CA-140	
NOTES:								

HEAT EXCHANGER SCHEDULE - BRAZED PLATE												
TAG	TYPE	BOILER LOOP (SHELL)				50% GLYCOL LOOP (TUBE)				TYPICAL UNIT MFG AND MODEL NO.	NOTES:	
		GPM	EWT	LWT	ΔP FT-H2O	GPM	EWT	LWT	ΔP FT-H2O			MBH
HX-1	BRAZED PLATE	8.7	140	100	1.6	15.0	95	120	4.2	172.7	TACO TFP10x20-24	
NOTES:												

PUMP SCHEDULE												
TAG	LOCATION	SERVICE	GPM	HD (FT.)	BHP	ELECTRICAL DATA					TYPICAL UNIT MFG & MODEL NO.	NOTES:
						HP	RPM	VOLTS	PH	VFD		
P-1A P-1B	MECH ROOM	HOT WATER HEATING	132	60	3.1	5.0	1760	480	3	YES	TACO FI2009	
P-2A P-2B	MECH ROOM	CHILLED WATER	167	77	5.3	7.5	1760	480	3	YES	TACO FI2509	②
P-3	MECH ROOM	SNOW MELT	15	26	0.31	1/2	1750	120	1	NO	TACO 1615	①
P-4	THIRD FLOOR	RTU-1 PH COIL	6	20	-	1/6	3450	120	1	NO	TACO 1400-10	
P-5	THIRD FLOOR	RTU-2 PH COIL	7	20	-	1/6	3450	120	1	NO	TACO 1400-10	
P-6	THIRD FLOOR	RTU-3 PH COIL	5.2	21	-	1/6	3450	120	1	NO	TACO 1400-10	
P-7A P-7B	MECH ROOM	COMPUTER ROOM UNIT CHILLED WATER	34	68	1.25	1.5	3500	480	3	YES	TACO FI1206	②
P-8	MECH ROOM	RADIANT FLOOR	39	57	1.25	1.5	1750	480	3	NO	TACO 1619	
P-9	MECH ROOM	B-1	66	10	0.38	1/2	1760	480	3	YES	TACO KV2006	
P-10	MECH ROOM	B-2	66	10	0.38	1/2	1760	480	3	YES	TACO KV2006	
P-11	MECH ROOM	HTR-2	7	15	-	1/8	3250	120	1	NO	TACO 0014	
P-12	MECH ROOM	HTR-1	7	15	-	1/8	3250	120	1	NO	TACO 0014	
NOTES: ① 50% P.G. ② 30% P.G.												

FAN SCHEDULE															
TAG	LOCATION	SERVICE	TYPE	ROOF OPENING	CFM	SP IN W.G.	DIAMETER IN.	RPM	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	NOTES	
									BHP	HP	VOLTS	PH			VFD
EF-1	ROOF	RESTROOMS	DOWNBLAST	20x20	2495	0.50	16.5"	1055	0.47	0.75	208	3	NO	LOREN COOK 165C5B	②
EF-2	ROOF	ELECTRICAL ROOMS	DOWNBLAST	16x16	1655	0.50	13.5"	1109	0.21	0.25	120	1	NO	LOREN COOK 165C5B	②
EF-3	FILE STORAGE 173	ELEVATOR MACHINE ROOM	INLINE	---	715	0.3	---	1325	0.2	1/4	120	1	NO	LOREN COOK GN-720	①
EF-4	ROOF	VEHICLE SALLYPORT	DOWNBLAST	14X14	700	0.5	10"	1614	0.15	1/6	120	1	NO	LOREN COOK 100C2B	②
EF-5	ROOF	SECURE EVIDENCE	DOWNBLAST	14X14	230	0.5	7"	1603	0.16	1/6	120	1	NO	LOREN COOK 70C2B	②
EF-6	ROOF	ARMORY	DOWNBLAST	14X14	200	0.5	7"	1504	0.13	1/6	120	1	NO	LOREN COOK 70C2B	②
EF-7	FILE STORAGE 173	SERVER ROOM	INLINE	-	60	0.25	-	800	48W		120	1	NO	LOREN COOK GN-122	①
NOTES: ① PROVIDE BRICK VENT & BACKDRAFT DAMPER ② PROVIDE 14" ROOF CURB AND HINGED BASE.															

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PROJECT TITLE: MAINE TURNPIKE AUTHORITY ADMINISTRATION BUILDING
PORTLAND, MAINE
CURRENT ISSUE STATUS:
ISSUED FOR BIDDING/CONSTRUCTION
7-9-07

GRAPHIC SCALE: 0" 1"
SCALE: NOT TO SCALE
PROJECT MANAGER: SLB
JC/DRAWN BY: TCM/BGG
A/E OF RECORD: RMW
CAD FILE: M-603-06016
PROJECT NO: 06016
DATE: 7-9-07
SHEET TITLE: SCHEDULES
SHEET No. M-603